

IN THE CLAIMS:

Please amend claims 13 and 20 as follows:

13. (Twice Amended) A method for preparing a biopsy sample of tissue containing malignant cells for chemosensitivity testing, comprising:

see p 4 (a) obtaining a tumor specimen from a biopsy sample of tissue containing malignant cells;

(b) mechanically separating said specimen into cohesive multicellular particulates having smooth cut edges;

(c) growing a tissue culture monolayer from said cohesive multicellular particulates having smooth cut edges;

(d) inoculating cells from said monolayer into a plurality of segregated sites;

(e) treating said plurality of sites with at least one agent; and

(f) assessing chemosensitivity of the cells in said plurality of sites.

20. (Amended) A method for preparing a biopsy sample of tissue containing malignant cells for chemosensitivity testing, comprising:

(a) obtaining a tumor specimen from a biopsy sample of tissue containing malignant cells;

(b) mechanically separating said specimen into cohesive multicellular particulates of minced tumor tissue;

(c) growing a tissue culture monolayer from said cohesive multicellular particulates of minced tumor tissue;